

DTN-6497-59

24 September 1959

MEMORANDUM FOR: Acting Chief, DFD
THROUGH : Chief, Developments, DFD
SUBJECT : Granger Mod 504, Meeting

1. On 16 and 17 September 1959, Major Hippert attended meeting with [redacted] to discuss the Granger Countermeasures Repeater test program and final setting for components of the equipment. 25X1

2. As a result of the discussions, it was concluded that flight testing of the Mod 504 is complete. A limited testing schedule is programmed for the second production repeater in order to evaluate production quality control. No flight testing will be scheduled for subsequent production items. Flight testing will continue of a "dummy" box in an airplane equipped with a J-75 engine in order to evaluate the temperature environment. Two (2) fixes have been incorporated on the airplane in an effort to reduce the drag chute compartment temperature. These two (2) fixes are: (1) a metal diverter in the tail pipe to reduce blast effect and provide by-pass cooling air, and (2) an air scoop on each side to direct ambient air against the sides of the container. The inside temperature limit has been defined as 40°C.

3. Final settings were established for the [redacted] system of the Mod 504. The system is set to scan Q-55kc in two (2) seconds with an increasing rate of change of frequency. This should explode any doppler missile within two (2) seconds after lock-on. 25X1

4. [redacted] will take the production item to ATIC for evaluation on 28 September 1959. [redacted] will be at Headquarters on 30 September 1959. 25X1
25X1

[redacted]
Major, USAF

DTN-6497-59 [redacted] signed
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25 YEAR RE-REVIEW